

9.16-03



CASE 4-20437D

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September 15, 2003
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

GURNY ET AL.

APPLICATION NO: 10/623,888

FILED: JULY 17, 2003

FOR: NANOPARTICLES FOR ORAL ADMINISTRATION OF PHARMACEUTICAL
AGENTS OF LOW SOLUBILITY

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants wish to make of record the references cited on attached forms PTO-1449 (5 sheets) and PTO-892 (3 sheets), which are copied from parent applications 08/945,587, November 20, 1997, abandoned, 09/287,421, April 7, 1999, abandoned, and 09/458,622, December 10, 1999, abandoned. Copies of the references are not enclosed.

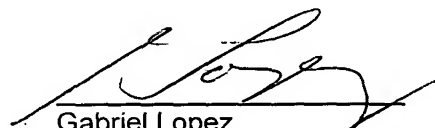
Applicants also wish to make of record application 09/407,816, a copy of which was provided in parent application 09/458,622. Application '816 has now issued as U.S. Patent 6,503,883, a copy of which is enclosed.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO forms.

Respectfully submitted,

Novartis
Corporate Intellectual Property
One Health Plaza, Building 430
East Hanover, NJ 07936-1080

encl PTO forms (8 sheets) + 1 patent
Date: September 15, 2003


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Attorney for Applicants
Reg. No. 28,440
(862) 778-7882

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
4-20437/A/PCT/CONT
APPLICATION NO.
Not Yet Known
APPLICANT
GURNY ET AL.
FILING DATE
HerewithGroup
1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,382,435 ✓	1/17/95	Geary et al.	424	489	
	AB	5,206,219 ✓	4/1/93	Desai	514	003	
	AC	5,286,731 ✓	2/1/94	Caufield et al.	514	291	
	AD	5,342,625 ✓	8/1/94	Hauer et al.	424	456	
	AE	5,541,171 ✓	7/1/96	Rhodes et al.	514	166	
	AF	3,959,540 ✓	5/25/76	Leiberich et al.	428	35	
	AG	5,401,512	3/28/95	Rhodes et al.	424	458	
	AH	5,133,908	7/28/92	Stainmesse et al.	264	4.1	
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	0275796	7/27/88	European Patent Office			<input type="checkbox"/>	<input type="checkbox"/>
	AN	2166651 ✓	5/14/86	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	AO	B-10851/83 ✓	8/11/83	Australia			<input type="checkbox"/>	<input type="checkbox"/>
	AP	0225189 ✓	6/1/87	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	0148811	7/1/85	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	R. Bodmeier et al., "Spontaneous Formation of Drug-containing Acrylic Nanoparticles," Journal of Microencapsulation, Vol. 8, No. 2, 1991, pp. 161-170
	AS	E. Allemann et al., "Drug-Loaded Nanoparticles - Preparation Methods and Drug Targeting Issues," European Journal of Pharmaceutics and Biopharmaceutics, Vol. 39, No. 5, 1993, pp. 173-191 ✓
	AT	Handbook of Pharmaceutical Excipients, pp. 362-365 ✓

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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FILING DATE
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1643



(Use several sheets if necessary)

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	0533433 ✓	3/1/93	Europe			<input type="checkbox"/>	<input type="checkbox"/>
	AB	229065A	1/17/96	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	AC						<input type="checkbox"/>	<input type="checkbox"/>
	AD						<input type="checkbox"/>	<input type="checkbox"/>
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	AF						<input type="checkbox"/>	<input type="checkbox"/>
	AG						<input type="checkbox"/>	<input type="checkbox"/>
	AH						<input type="checkbox"/>	<input type="checkbox"/>
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	AK						<input type="checkbox"/>	<input type="checkbox"/>
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	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
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	AZ						<input type="checkbox"/>	<input type="checkbox"/>

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DATE CONSIDERED

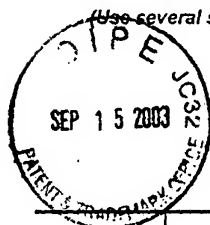
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AA	Derwent Abstracts 90-056185, "Spargualin Preparation Containing Lipids"
AB	Derwent Abstracts 89/301642/42 "Pharmaceutical compsn. for treating stomach disorders, etc. - comprises active components dispersed with silicon oil mixt. and encapsulated in soft gelatin"
AC	Derwent Abstract 90-083371/11 "Enteric solid dosage forms - contg. active peptide or protein and nonionic surfactant"
AD	Derwent Abstracts 95-355166/46 "Adjuvants for Improved Oral Absorption . . ."
AE	
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(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	5,350,741	9/27/94	Takada			
AB	5,624,687	4/29/97	Yano et al.			
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
AM	343,575	8/26/92	EP (+ Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>
AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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